

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Art Unit: 2132

Rhoads et al.

Confirmation No.: 8366

Application No.: 10/656,930

Filed: September 4, 2003

For: DIGITAL AUTHENTICATION WITH
DIGITAL ANALOG DOCUMENTS

VIA ELECTRONIC FILING

Examiner: V. Perungavoor

Date: August 30, 2007

INFORMATION DISCLOSURE STATEMENT

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Applicants submit herewith information of which they are aware, and which they believe may be material to the examination of the application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56. The information is listed on the attached Form PTO-1449. Copies of the Foreign Patent Documents and Other References are attached.

This information disclosure statement is being filed after the mailing date of a First Office Action on the merits and before the first mailing date of Final Office Action (37 C.F.R. § 1.113), or Notice of Allowance (37 C.F.R. § 1.311).

The submission of information on the attached Form PTO-1449 is not intended as an admission that any such information constitutes prior art against the claims of the application under examination. Applicants do not waive any right to take any appropriate action to antedate or otherwise remove any information from the attached Form PTO-1449.

Please charge the fee of **\$180.00** under 37 C.F.R. § 1.17(p) and any additional fees or credit any overpayment in connection with the filing of this Information Disclosure Statement to Deposit Account No. 50-1071.

Date: August 30, 2007

Respectfully submitted,

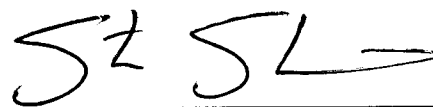
DIGIMARC CORPORATION

Customer Number 23735

Phone: 503-469-4800

FAX: 503-469-4777

By



Steven W. Stewart

Registration No. 45,133

INFORMATION DISCLOSURE STATEMENT	Docket: P0877	Ser. No. 10/656,930
	Applicant: Rhoads	
	Filed: Sept. 4, 2003	Group: 2132

US Patent Documents				
Ex'r Initial	Number	Date	Inventor	Class
	4,590,366	5/20/86	Rothfjell	
	4,675,746	6/23/87	Tetrick et al.	
	5,113,445	5/92	Wany	
	5,237,164	8/17/93	Takada	
	5,284,364	2/8/94	Jain	
	5,329,108	7/12/94	Lamoure	
	5,436,970	7/25/95	Ray et al.	
	5,490,217	2/6/96	Wang et al.	
	5,505,494	4/9/96	Belluci et al.	
	5,636,292	6/3/97	Rhoads	
	5,617,119	4/1/97	Briggs et al.	
	5,652,626	7/29/97	Kawakami et al.	
	5,721,788	2/24/98	Powell et al.	
	5,787,186	7/28/98	Schroeder	
	5,799,092	8/25/98	Kristol et al.	
	5,825,892	10/20/98	Braudaway et al.	
	5,835,639	11/10/98	Honsinger et al.	
	5,862,260	1/19/99	Rhoads	
	5,907,149	5/25/99	Marckini	
	5,912,972	6/15/99	Barton	
	5,912,974	6/15/99	Holloway et al.	
	5,933,798	8/3/99	Linnartz	
	5,943,422	8/24/99	Van Wie et al.	
	6,005,936	12/21/99	Shimizu	
	6,024,287	2/15/00	Takai et al.	
	6,064,764	5/16/00	Bhaskaran et al.	
	6,101,602	8/8/00	Fridrich	
	6,122,403	9/19/00	Rhoads	
	6,226,387	5/1/01	Tewfik et al.	
	6,243,480	6/5/01	Zhao et al.	
	6,275,599	8/14/01	Adler	
	6,285,775	9/4/01	Wu et al.	
	6,292,092	9/18/01	Chow et al.	
	6,321,981	11/27/01	Ray et al.	
	6,332,030	12/18/01	Manjunath et al.	
	6,332,031	12/18/01	Rhoads et al.	

Examiner Signature:

Date Considered:

*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Docket: P0877	Ser. No. 10/656,930
	Applicant: Rhoads	
	Filed: Sept. 4, 2003	Group: 2132

	6,385,329	5/7/02	Sharma	
	6,487,301	11/26/02	Zhao	
	6,504,941	1/7/03	Wong	
	6,683,966	1/27/04	Tian et al.	
	6,714,683	3/30/04	Tian et al.	
	6,748,533	6/8/04	Wu	
	6,751,336	6/15/04	Zhao	
	7,043,052	5/9/06	Rhoads	
	20020056041	5/9/02	Moskowitz	
	20020122568	9/5/02	Zhao	

Foreign Patent Documents				
Ex'r Initial	Number	Date	Country	Class
	DE 29 43 436	5/1981	DE (with English Translation)	
	EP0891071	1/13/99	EPO	
	EP0953938	11/3/99	EPO	
	WO00/33282	6/8/00	PCT	
	WO00/75925	12/14/00	PCT	
	JP3-185585	8/13/1991	JP (with English Translation)	
Other References				
Ex'r Initial	Cite			
	Chow et al., "Forgery and Tamper-Proof Identification Document," IEEE Proc. 1993 Int. Carnahan Conf. on Security Technology, Oct. 13-15, 1993, pp. 11-14.			
	Kawaguchi et al., "Principle and Applications of BPCS-Steganography," Proc. SPIE Vol. 3528: Multimedia Systems and Applications, 2-4 Nov 1998, pp. 464-473.			
	Komatsu et al., "A Proposal on Digital Watermarking in Document Image Communication and Its Application to Realizing a Signature," Electronics and Communications in Japan, Part I, Vol., 73, No. 5, 1990, pp. 22-23.			
	Kundur et al., "Digital Watermarking for Telltale Tamper Proofing and Authentication", IEEE, vol. 87, No. 7, pp. 1167-1180.			
	Kundur et al., "Digital Watermarking Using Multiresolution Wavelet Decomposition," Proc. of 1998 IEEE Int. Conf. on Acoustics, Speech and Signal Processing," ICASSP '98, pp. 2969-2972, vol. 5.			
	Matsui et al., "Embedding a Signature to Pictures Under Wavelet Transformation," Transactions of the Institute of Electronics Information and Communication Engineers D-II, vol. J79D-II, no. 6, June, 1996, pp. 1017-24.			
	Matsui et al., "Use of the Wavelet Transformation to Embed Signatures in Images," Systems and Computers in Japan, January, 1997, Vol. 28, no. 1, pp. 87-94.			

Examiner Signature:	Date Considered:
*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT	Docket: P0877	Ser. No. 10/656,930
	Applicant: Rhoads	
	Filed: Sept. 4, 2003	Group: 2132

	Szepanski, "A Signal Theoretic Method For Creating Forgery-Proof Documents For Automatic Verification", 1979 Carnahan Conference on Crime Countermeasures, University of Kentucky, Lexington, Kentucky, May 16-18, 1979.
	August 22, 2003, 37 CFR 1.607 Amendment and 37 CFR 1.607 Request for an Interference with a Patent from parent application no. 10/164,899 (copies provided).
	December 12, 2003 Office Action from parent application no. 10/164,899 (copy provided).
	June 11, 2004 Declaration of Garth Zambory and August 30, 2004 Supplemental Declaration of Garth Zambory, each from parent application no. 10/164,899 (copy provided).
	June 11, 2004 Declaration of Bert Shaw, PhD. (with attachments) from parent application no. 10/164,899 (copy provided).
	June 14, 2004 Amendment from parent application no. 10/164,899 (copy provided).
	October 4, 2004 Office Action from parent application no. 10/164,899 (copy provided).
	March 2, 2005 Amendment from parent application no. 10/164,899 (copy provided).
	June 28, 2005 Office Action from parent application no. 10/164,899 (copy provided).
	November 21, 2005 Amendment Accompanying Request for Continued Examination from parent application no. 10/164,899 (copy provided).
	December 9, 2005, Notice of Allowance and Fees Due from parent application no. 10/164,899 (copy provided).

Examiner Signature:	Date Considered:
*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.	